

# **User's Manual**

# HIDeGalaxTouch

**Touch Panel Driver** 

Important

Please read this "User's Manual" carefully to familiarize yourself with safe and effective usage.

• For the latest product information including the "User's Manual", refer to our web site : www.eizoglobal.com

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# Chapter 1 Introduction

### 1-1. Overview

HIDeGalaxTouch is a driver required to use the following functions of EIZO touch panel monitors:

- Touch sounds
- Multi-touch operation (touch digitizer)

eGalaxTouch must be installed to enable touch sounds and mouse emulation.

Compatibility between HIDeGalaxTouch, eGalaxTouch, and the standard Windows touch panel driver is as follows:

Functions	Standard Windows touch panel driver	HIDeGalaxTouch	eGalaxTouch
Touch sounds	-	$\checkmark$	
Mouse emulation	-	-	
Multi-touch operation (touch digitizer)	$\checkmark$	V	-

#### Attention

- Do not install both eGalaxTouch and HIDeGalaxTouch at the same time. Follow the steps below to switch drivers:
   1. Uninstall the driver that is currently installed. (See "5-1. Uninstalling" (P.18))
  - 2. Reboot the computer.
  - 3. Install the new driver.

### 1-2. System Requirements

The following shows the conditions that need to be satisfied to use HIDeGalaxTouch:

OS	Windows 10 (32 bit / 64 bit)
	Windows 8.1 (32 bit / 64 bit)
Software	Windows 10: .NET Framework 4.6
	Windows 8.1: .NET Framework 3.5
Storage	Approximately 70MB of free space / data file capacity on the system drive
Interface	USB

#### Attention

• The available operating system varies depending on the model you are using. For details, refer to the User's Manual of the model you are using.

Note

• "Limited Touch Support" may be indicated in the system properties but this does not affect the operation of the touch panel.

### 1-3. Precautions

If this software is used under the following conditions, the software may not operate properly:

- Usage methods that are different from the instructions contained in this document.
- · Usage in conditions other than those specified in System Requirements above.
- Usage in an environment where mouse emulation software or any similarly functioning software is installed

EIZO shall not be liable in any way for any issues that may arise from using this software. Be sure to back up your system before installing this software.

# Chapter 2 Setup

# 2-1. Installation

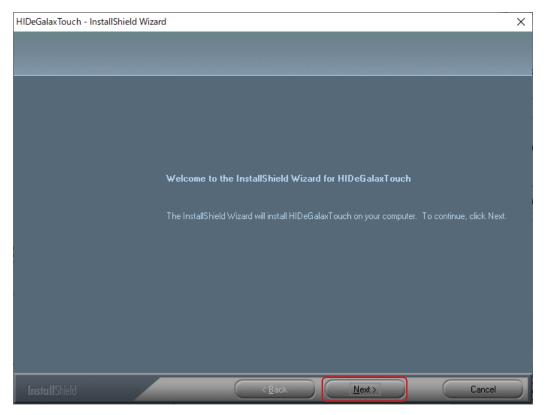
#### Attention

- You must have local administrative privileges for the user account. For information on user account privilege settings, contact your system administrator.
- You will need to reboot your computer after installation.

# 1. Open the file you downloaded from our website (www.eizoglobal.com) and click "setup.exe".

This starts the installation process.

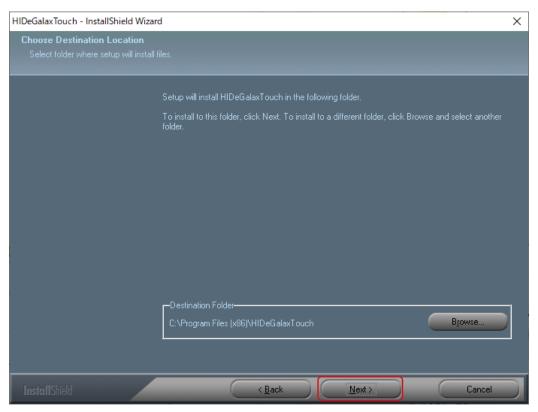
#### 2. Click "Next".



#### 3. Select "I accept the terms of the license agreement" and click "Next".

HIDeGalaxTouch - InstallShield Wizard		×
License Agreement Please read the following license agree		
	License The programs, including but not limited to software and/or firmware (hereinafter referred to "Programs" or "PROGRAMS"), are owned by eGalax_eMPIA Technology Inc. (hereinafter referred to "EETI") and are compiled from EETI Source code. 1. EETI hereby grants to Licensee a non-exclusive license to use the Programs for the sole purpose in conjunction with EETI's products, including but not limited to integrated circuit and/or controller (hereinafter referred to "Products"). 2. Licensee may copy and distribute the Programs or copies thereof in any medium, provided that Licensee shall conspicuously and appropriately give the recipients all intact terms of this Licensee along with the Programs or copies thereof. 3. Licensee may create any works based on the Programs or copies thereof (including works containing the Programs or any portion of it, either verbatim, with modifications, translated into other languages, using dynamic linking or static linking, hereinafter referred to "Derivative Works") for the sole purpose in conjunction with the Products and distribute such Derivative Works under the terms of sa whole at free of charge to the recipients under all terms of this License. 4. Licensee has no right, including but not limited to copy, modify, distribute, sublicense, reproduce, translate, compile, decompile, reverse engineer, disassemble, apply, represent or create any Derivative Works of the Programs, except as expressly specified hereunder. Any violation hereof or attempt otherwise to copy, modify, sublicense.	*
InstallShield	< <u>B</u> ack <u>Next</u> Cancel	

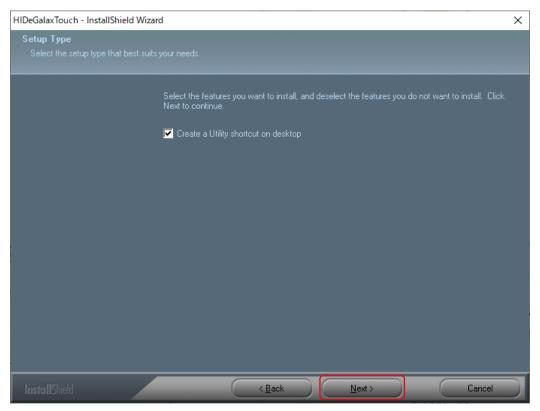
#### 4. Click "Next".



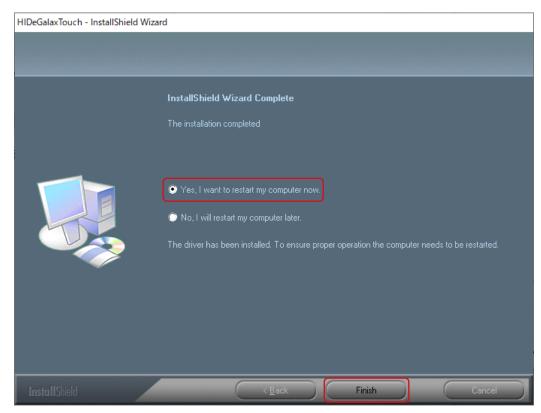
#### 5. Click "Next".

HIDeGalaxTouch - InstallShield Wiz	ard	×
Select Program Folder Please select a program folder.		
	Setup will add program icons to the Program Folder listed below. You may type a new folder name or select one from the existing folders list. Click Next to continue.	e,
	Program Folder:	
	HIDeGalaxTouch Existing Folders:	
	Accessibility Accessories Administrative Tools ATOK	•
	Canon Utilities DS-2 EIZO EPSON Epson Software	I
	FujiXerox Games HP	,
InstallShield	< <u>B</u> ack Next > Cancel	

### 6. Click "Next".



7. Select "Yes, I want to restart my computer now." and click "Finish". Your computer will reboot automatically.



A shortcut for HIDeGalaxTouch will be created on your desktop.



### 2-2. Multi-Monitor Settings

Carry out the following settings when connecting more than one monitor to a single computer.

#### **1.** Open the Windows control panel.

#### 2. Click "Hardware and Sound" - "Tablet PC Settings".

This displays the "Tablet PC Settings" window.

#### **3.** Click "Setup" in the "Display" tab.

The touch screen specification display screen will display with a white background.

Note

• When installing HIDeGalaxTouch, use the HIDeGalaxTouch Tool to correct the touch position ("3-1. Calibrating Touch Position" (P.11)). "Calibrate" in the "Tablet PC Settings" window is not used.

🥤 Tablet PC Set	tings	×
Display Other		
Configure		- 1
Configure you displays.	ur pen and touch 🕞 Setup	
Display option	ns	
Display:	1. FDF2182WT ~	,
Details:	No Pen or Touch Input is available for this Display	5
	Calibrate 💎 Reset	
Choose the or Go to Orientat	der in which your screen rotates. tion	

**4.** Specify the touch screen in accordance with the displayed screen.

**5.** Click "OK" to close the screen.

# Chapter 3 HIDeGalaxTouch Functions

The HIDeGalaxTouch Tool allows you to set and correct touch panel operations.

#### Attention

- Do not use any of the functions that are not explained in this Manual.
- You must have local administrative privileges for the user account. For information on user account privilege settings, contact your system administrator.

When connecting multiple monitors to a single computer, you first need to select the monitor that will be configured (with the "USB X" icon on the screen). The icon background will change to blue when it is selected.

HIDeGalaxTouch Tool : USB1			×
General About			
HID Touch Digitizer			RS-232 Add Remove
4 Points Calibration		Advan	ced
	ОК	Cancel	Apply

# 3-1. Calibrating Touch Position

This is used to calibrate the position of the cursor to make it match where you actually touch the screen.

Note

• When installing HIDeGalaxTouch, use the HIDeGalaxTouch Tool to calibrate the touch position. "Calibrate" in the "Tablet PC Settings" window is not used.

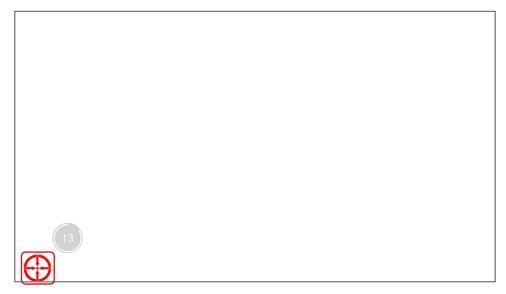
#### **1.** Click "4 Points Calibration".

HIDeGalaxTouch Tool : USB1			×
General About			
HID Touch Digitizer			- RS-232 Add Remove
4 Points Calibration		Adva	nced
	ОК	Cancel	Apply

. . . ..

#### **2.** Touch the center of the marker displayed in the window.

Touching the marker causes the next marker to appear. Touch the center of the new marker. When all the markers are touched, calibration is completed.



#### 3. Click "OK".



# **3-2. Double Click Settings**

This sets the tolerance for touch position differences to be recognized as a double click.

#### Attention

• This setting is shared among all connected monitors.

#### 1. Click "Advanced".

HIDeGalaxTouch Tool : USB1			×
General About			
HID Touch Digitizer		RS-232 Add	
		Remove	
4 Points Calibration		Advanced	
	ОК	Cancel Apply	

. . . . . . . . . . .

#### 2. Set the tolerance by moving the Double Click Area slider.

Moving towards "Bigger" will increase the tolerance for position differences between the first and second touch. Moving towards "Smaller" will decrease the tolerance.

Advanced		$\times$
Setting Double Click Area Smaller <<	>> Bigger	
Beep On Touch  ☐ Beep On Release  ✓ Beep From System Beep  ☐ Beep From Sound Card	Frequency Duration	
	OK Cancel Apply	

#### 3. Click "Apply".

# 3-3. Touch Sound Settings

This sets the timing for sounds played on each touch, and the device used for them.

#### 1. Click "Advanced".

HIDeGalaxTouch Tool : USB1	×
General About	
HID Touch Digitizer	RS-232
USB	13-232
USB1	Add
	Remove
,	
4 Points Calibration	Advanced
	OK Cancel Apply
	OK Cancel Apply

#### **2.** Set the touch sounds.

Advanced	×
Setting   Double Click Area   Smaller <	×
4 Beep From Sound Card	

1.	Beep On Touch	Checking this means a sound will play each time you touch the touch panel.			
2.	Beep On Release	Checking this means a sound will play each time your finger leaves the touch			
		panel.			
3.	Beep From System Beep	Checking this means your computer will use the beep function in its			
		motherboard.* <sup>1.</sup>			
4	Beep From Sound Card	Checking this means the sound will come from the speakers connected to your			
		computer.			
5.	Frequency	This sets the frequency (pitch) of the touch sound. Moving the slider to the left			
		lowers the pitch, and moving it to the right increases the pitch.			
6.	Duration	This sets how long the sound lasts. Moving the slider to the left reduces the			
		time, and moving it to the right increases the time.			
*1	1. Your computer bardware configuration may prevent touch counds from being generated				

1 Your computer hardware configuration may prevent touch sounds from being generated.

### 3. Click "Apply".

# Chapter 4 Troubleshooting

Symptom	Cause and countermeasure
1. The mouse cursor does not	HIDeGalaxTouch does not support mouse emulation. Use
appear.	eGalaxTouch if you want to enable mouse emulation.
2. The cursor position is displaced / the cursor jumps.	<ul> <li>Calibrate the touch position (see "3-1. Calibrating Touch Position" (P.11)).</li> <li>Open the Windows Control Panel. In "Hardware and Sound" - "Tablet</li> </ul>
	<ul> <li>PC Settings" - "Display Options", click "Reset".</li> <li>Turn the monitor off then on again.</li> <li>Run Offset Calibration and calibrate the touch panel sensitivity.</li> </ul>
3. The touch operation does not work.	<ul> <li>Confirm that the USB cable is correctly connected.</li> <li>Check the touch panel monitor User's Manual and confirm that touch operation on the touch panel monitor is enabled in the monitor functions.</li> <li>Restart the setting tool of the touch panel driver, or reboot the computer.</li> <li>If using multiple monitors, check that the cursor is not being displayed on another monitor.</li> </ul>
4. Right-clicking does not work.	<ul> <li>Follow these steps to check the right-click settings.</li> <li>1. Open the Windows control panel.</li> <li>2. Click "Hardware and Sound" - "Pen and Touch".</li> <li>3. Click "Settings" in the "Pen and Touch" window and check the settings for clicking and holding.</li> </ul>
5. The touch sound is not emitted.	<ul> <li>Change the touch sound settings (see "3-3. Touch Sound Settings" (P.15)).</li> <li>If "Beep From Sound Card" is selected under "Beep" in the "Setting" tab, check the following: <ul> <li>Is the output device appropriate for the Windows settings selected?</li> <li>Try increasing the volume.</li> </ul> </li> <li>Increase the touch sound frequency (see "3-3. Touch Sound Settings" (P.15)).</li> <li>If "Beep From Sound Card" is selected under "Beep" in the "Setting" tab, your computer hardware configuration may prevent touch sounds from being generated.</li> </ul>
<ol> <li>(Multiple monitor configuration) When touching the screen, the cursor appears on a different monitor.</li> </ol>	See "2-1. Installation" (P.5) to associate the monitor with the touch panel.

# **Chapter 5** Reference Information

# 5-1. Uninstalling

#### Attention

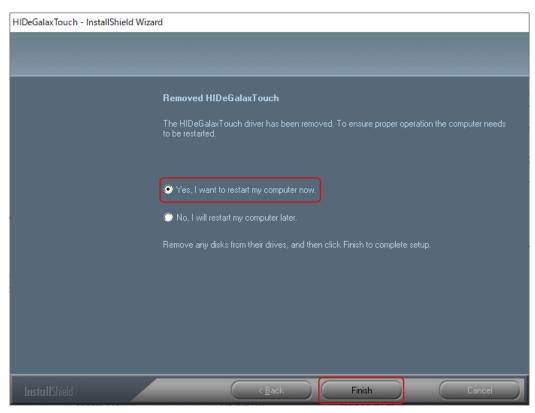
• You must have local administrative privileges for the user account. For information on user account privilege settings, contact your system administrator.

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- 1. Click the Windows "Start" button, then "Settings" then "Apps".
- 2. Select "HIDeGalaxTouch" from the list and click "Uninstall".
- 3. Click "OK".

Confirm Uninstall	Х	
Do you want to completely remove the selected application and all of its features?		
OK Cancel		

**4.** Select "Yes, I want to restart my computer now." and click "Finish". Your computer will reboot automatically.



# 5-2. Other Touch Panel Operation Settings

When using this driver, you can also change the touch operation settings from the "Pen and Touch" window in Windows.

#### **1.** Open the Windows control panel.

#### 2. Click "Hardware and Sound" - "Pen and Touch".

This will display the "Pen and Touch" window. Refer to the settings window and Windows help for details.

#### **3.** Once the settings are done, click "OK" to close the screen.

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# Appendix

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